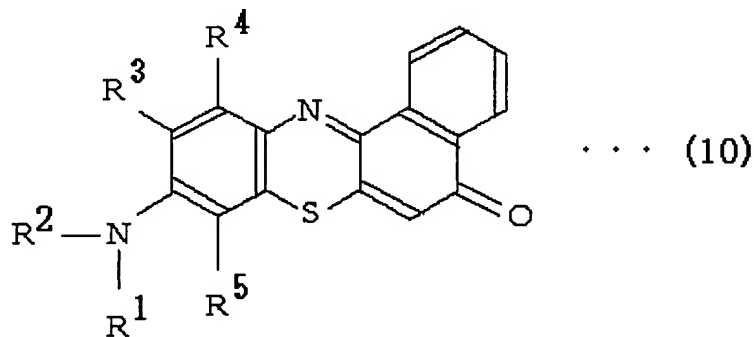


**AMENDMENTS TO THE CLAIMS, COMPLETE LISTING OF CLAIMS IN
ASCENDING ORDER WITH STATUS INDICATOR**

Please amend the claims as follows.

Claims 1-5 (Canceled).

6. (Currently Amended) A Nile red luminescent compound emitting red light that has a structure represented by formula (10):



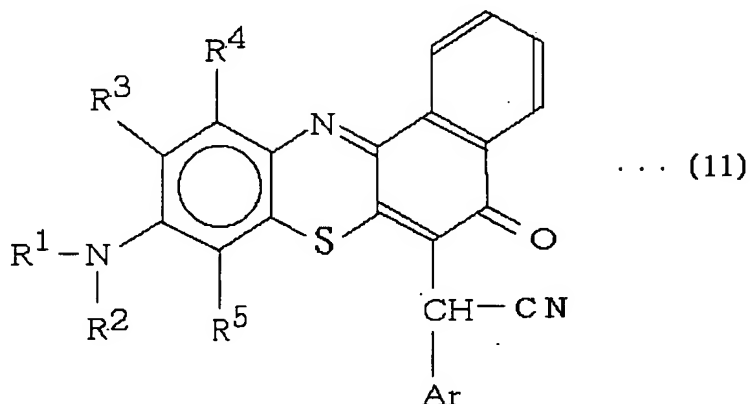
wherein R¹ forms -CH₂CH₂-CR⁶R⁷- together with R³ (wherein the carbon atom of -CR⁶R⁷- moiety is bound to the benzene moiety of the formula (10), each of R⁶ and R⁷ is hydrogen atom or an alkyl group, and R⁶ and R⁷ may be the same or different from each other); R² forms -CH₂CH₂-CR⁸R⁹- together with R⁵ (wherein the carbon atom of -CR⁸R⁹- moiety is bound to the benzene moiety of the formula (10), each of R⁸ and R⁹ is hydrogen atom or an alkyl group, and R⁸ and R⁹ may be the same or different from each other); ~~R³ forms -CH₂CH₂-CR⁶R⁷- with R¹, or forms with R⁴ a naphthalene ring including as a part thereof the benzene moiety of the formula (10); and R⁴ is a hydrogen atom forms with R³ a naphthalene ring including as a part thereof the benzene moiety of the formula (10); and R⁵ forms -CH₂CH₂-CR⁸R⁹- with R².~~

7. (Canceled).

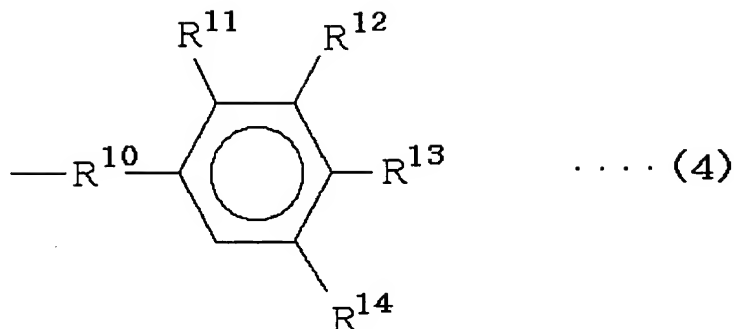
8. (Currently amended) A process of producing the Nile red luminescent compound according to claim 6 comprising reacting 1-naphthol with a 4-nitrosoaniline, the amino group of which is bonded with substituents R¹ and R², wherein each of R¹ and R² is ~~hydrogen atom or an~~

alkyl group, and R^1 and R^2 may be the same or different from each other, to produce an intermediate; and reacting the intermediate with sulfur.

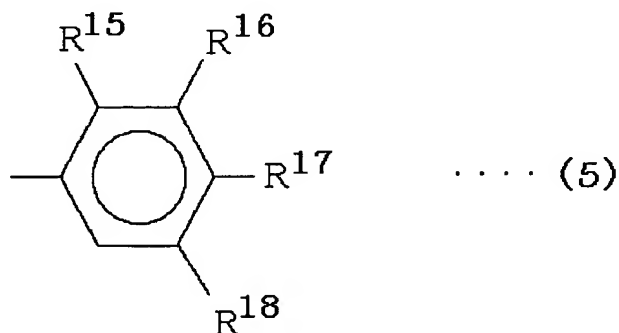
9. (Currently amended) A Nile red luminescent compound emitting red light that has a structure represented by formula (11):



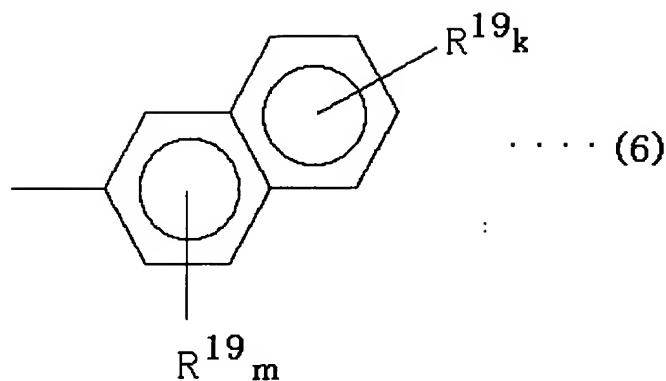
wherein R^1 is hydrogen atom or an alkyl group, or forms $-\text{CH}_2\text{CH}_2-\text{CR}^6\text{R}^7-$ together with R^3 (wherein the carbon atom of $-\text{CR}^6\text{R}^7-$ moiety is bound to the benzene moiety of the formula (11), each of R^6 and R^7 is hydrogen atom or an alkyl group, and R^6 and R^7 may be the same or different from each other); R^2 is hydrogen atom or an alkyl group, or forms $-\text{CH}_2\text{CH}_2-\text{CR}^8\text{R}^9-$ together with R^5 (wherein the carbon atom of $-\text{CR}^8\text{R}^9-$ moiety is bound to the benzene moiety of the formula (11), each of R^8 and R^9 is hydrogen atom or an alkyl group, and R^8 and R^9 may be the same or different from each other); R^3 is hydrogen atom, forms $-\text{CH}_2\text{CH}_2-\text{CR}^6\text{R}^7-$ with R^1 , or forms with R^4 a naphthalene ring including as a part thereof, wherein the benzene moiety of the formula (11) is part of the naphthalene ring; R^4 is hydrogen atom, or forms with R^3 a naphthalene ring including as a part thereof, wherein the benzene moiety of the formula (11) is part of the naphthalene ring; R^5 is hydrogen atom, or forms $-\text{CH}_2\text{CH}_2-\text{CR}^8\text{R}^9-$ with R^2 ; and Ar means one of formulae (4), (6) and (7):



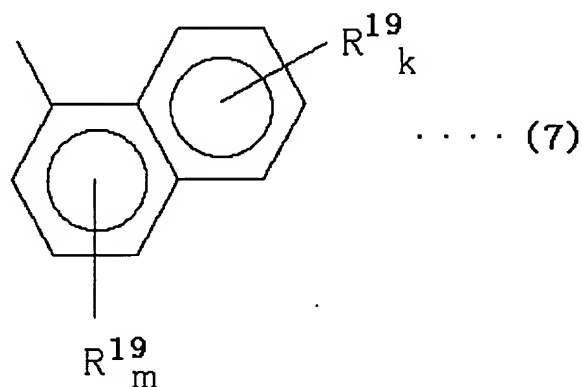
wherein R^{10} is a single chemical bond or methylene group; R^{11} is hydrogen atom, or forms $-CF_2-O-CF_2-$ with R^{12} ; R^{12} is fluorine atom, cyano group or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom, forms $-CF_2-O-CF_2-$ with R^{11} , or forms $-CF_2-O-CF_2-$ with R^{13} ; R^{13} is hydrogen atom, cyano group, fluorine atom or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom, forms $-CF_2-O-CF_2-$ with R^{12} , or is a group represented by formula (5); and R^{14} is hydrogen atom or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom when R^{13} is hydrogen atom, and R^{14} is hydrogen atom when R^{13} is not hydrogen atom,



wherein R^{15} is hydrogen atom, or forms $-CF_2-O-CF_2-$ with R^{16} ; R^{16} is fluorine atom, cyano group or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom, forms $-CF_2-O-CF_2-$ with R^{15} , or forms $-CF_2-O-CF_2-$ with R^{17} ; R^{17} is hydrogen atom, cyano group, fluorine atom or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom, or forms $-CF_2-O-CF_2-$ with R^{16} ; and R^{18} is hydrogen atom or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom when R^{17} is hydrogen atom, and R^{18} is hydrogen atom when R^{17} is not hydrogen atom,

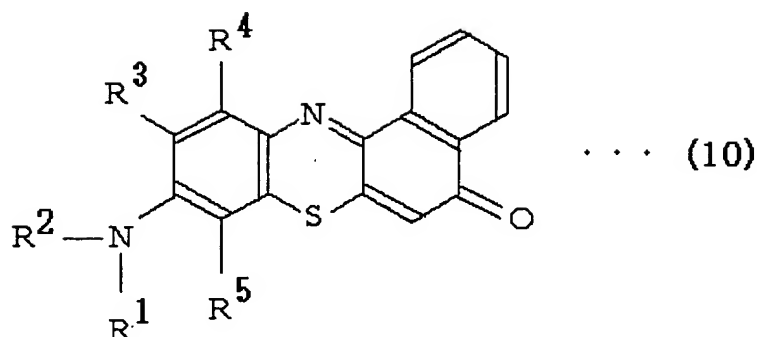


wherein R^{19} is fluorine atom, cyano group, or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom; k is an integer of 1-4, m is an integer of 1-3, and all of the R^{19} groups may be the same or different from each other,

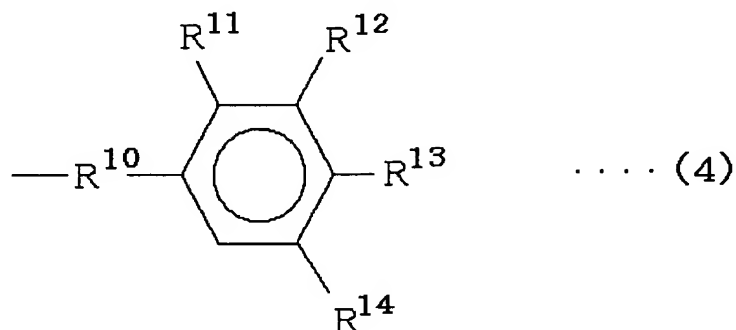


wherein R^{19} is fluorine atom, cyano group, or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom; k is an integer of 1-4, m is an integer of 1-3, and all of the R^{19} groups may be the same or different from each other.

10. (Currently amended) A process of producing the Nile red luminescent compound emitting red light according to claim 9 comprising reacting the Nile red luminescent compound emitting red light represented by the formula (10):

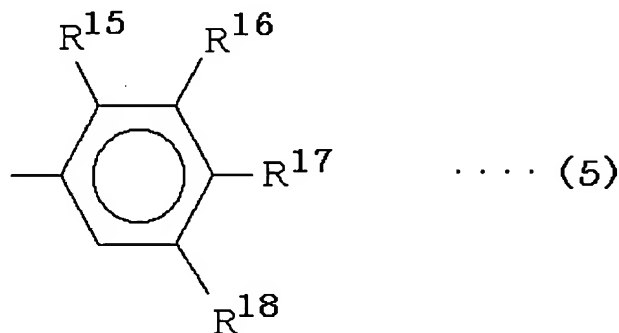


wherein R^1 is hydrogen atom or an alkyl group, or forms $-\text{CH}_2\text{CH}_2-\text{CR}^6\text{R}^7-$ together with R^3 (wherein the carbon atom of $-\text{CR}^6\text{R}^7-$ moiety is bound to the benzene moiety of the formula (10), each of R^6 and R^7 is hydrogen atom or an alkyl group, and R^6 and R^7 may be the same or different from each other); R^2 is hydrogen atom or an alkyl group, or forms $-\text{CH}_2\text{CH}_2-\text{CR}^8\text{R}^9-$ together with R^5 (wherein the carbon atom of $-\text{CR}^8\text{R}^9-$ moiety is bound to the benzene moiety of the formula (10), each of R^8 and R^9 is hydrogen atom or an alkyl group, and R^8 and R^9 may be the same or different from each other); R^3 is hydrogen atom, forms $-\text{CH}_2\text{CH}_2-\text{CR}^6\text{R}^7-$ with R^1 , or forms with R^4 a naphthalene ring including as a part thereof, wherein the benzene moiety of the formula (10) is part of the naphthalene ring; R^4 is hydrogen atom, or forms with R^3 a naphthalene ring including as a part thereof, wherein the benzene moiety of the formula (10) is part of the naphthalene ring; and R^5 is hydrogen atom, or forms $-\text{CH}_2\text{CH}_2-\text{CR}^8\text{R}^9-$ with R^2 , with an electron attractive aromatic acetonitrile represented by the formula $\text{NC}-\text{CH}_2-\text{Ar}$, wherein Ar means one of formulae (4), (6) and (7):

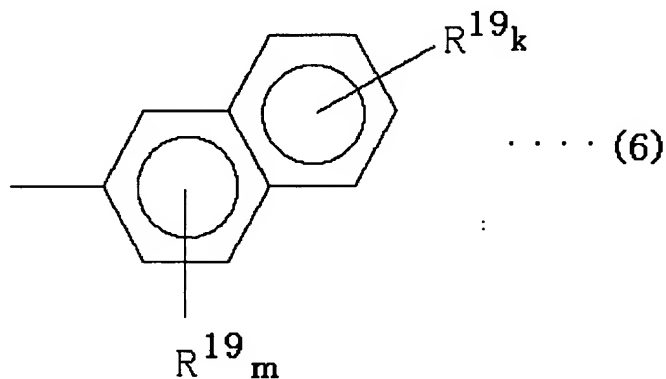


wherein R^{10} is a single chemical bond or methylene group; R^{11} is hydrogen atom, or forms $-\text{CF}_2-\text{O}-\text{CF}_2-$ with R^{12} ; R^{12} is fluorine atom, cyano group or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom, forms $-\text{CF}_2-\text{O}-\text{CF}_2-$ with R^{11} , or forms $-\text{CF}_2-\text{O}-\text{CF}_2-$ with R^{13} ; R^{13}

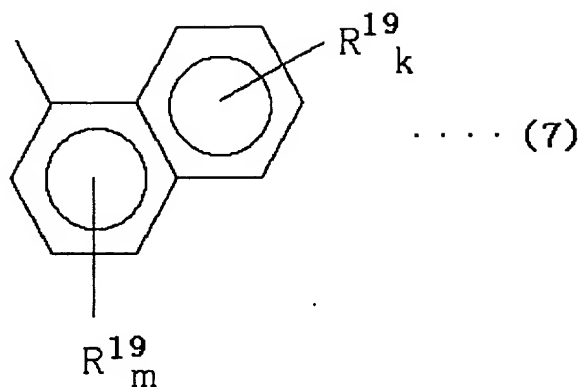
is hydrogen atom, cyano group, fluorine atom or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom, forms $-\text{CF}_2-\text{O}-\text{CF}_2-$ with R^{12} , or is a group represented by formula (5); and R^{14} is hydrogen atom or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom when R^{13} is hydrogen atom, and R^{14} is hydrogen atom when R^{13} is not hydrogen atom,



wherein R^{15} is hydrogen atom, or forms $-\text{CF}_2-\text{O}-\text{CF}_2-$ with R^{16} ; R^{16} is fluorine atom, cyano group or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom, forms $-\text{CF}_2-\text{O}-\text{CF}_2-$ with R^{15} , or forms $-\text{CF}_2-\text{O}-\text{CF}_2-$ with R^{17} ; R^{17} is hydrogen atom, cyano group, fluorine atom or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom, or forms $-\text{CF}_2-\text{O}-\text{CF}_2-$ with R^{16} ; and R^{18} is hydrogen atom or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom when R^{17} is hydrogen atom, and R^{18} is hydrogen atom when R^{17} is not hydrogen atom,



wherein R^{19} is fluorine atom, cyano group, or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom; k is an integer of 1-4, m is an integer of 1-3, and all of the R^{19} groups may be the same or different from each other,



wherein R^{19} is fluorine atom, cyano group, or a lower alkyl having 1-5 carbon atoms and at least one fluorine atom; k is an integer of 1-4, m is an integer of 1-3, and all of the R^{19} groups may be the same or different from each other.

Claims 11-28 (Canceled).